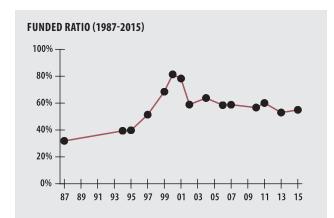
## Lowell

City Hall, Room 3 375 Merrimack Street Lowell, MA 01852-5998 Phone 978-674-4094 Fax 978-446-7019

#### **Board Members**

Joseph Mahoney (Chairperson), Michael M. Brennan, William Desrosiers, David Keene, Brian T. Perry **Board Administrator**Shannon Dowd **Board Meeting** 

Varies

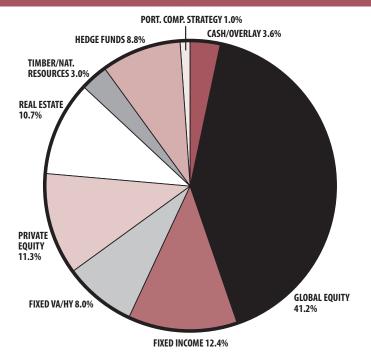


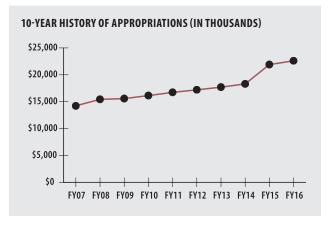
# ACTUARIAL

► Funded Ratio		55.0%
▶ Date of Last Valuation		01/15
► Actuary		KMS Actuaries
Assumed Rate of Return		8.00%
► Funding Schedule		Varies Total Increasing
<ul><li>Year Fully Funded</li></ul>		2036
<ul><li>Unfunded Liability</li></ul>		\$251.3M
► Total Pension Appropriation (Fiscal 2016)		\$22.6 M
	ACTIVE	RETIRED
Number of Members	1,702	1,193
► Total Payroll/Benefit	\$89.5 M	\$32.9 M
<ul><li>Average Salary/Benefit</li></ul>	\$52,600	\$27,500
► Average Age	47	72
► Average Service	13.0 years	NA



# ASSET ALLOCATION (12/31/15)





### **INVESTMENT RETURN HISTORY**

<b>31 years 2015</b> 9.04%	30 years 2014 9.32%	<b>29 years 2013</b> 9.36%
<b>10 years 2015</b> 5.73%	10 years 2014 6.83%	<b>10 years 2013</b> 7.27%
<b>5 years 2015</b> 7.42%	<b>5 years 2014</b> 9.90%	<b>5 years 2013</b> 11.57%

## EARNED INCOME OF DISABILITY RETIREES (2014)

► Number of Disability Retirees	158
▶ Number Who Reported Earnings	43
► Number of Excess Earners	2
► Total Amount of Refund Due	\$40,412.08

▶ 2015 Return	1.03%
▶ 2015 Market Value	\$310.9 M
▶ 2011-2015 (Annualized)	7.42%
▶ 1985-2015 (Annualized)	9.04%